



## **GWA WASTE MANAGEMENT PLAN**

E&P waste shall be stored, handled, transported, treated, recycled, or disposed of in a manner to prevent threatened or actual significant adverse environmental impacts to air, water, soil or biological resources or to the extent necessary to ensure compliance with the concentration levels in Table 910-1, with consideration to WQCC ground water standards and classifications as follows:

### **Large Volume Waste:**

Drill Cuttings - All drill cuttings will be contained within a closed loop system in 3-sided bins and disposed of at an authorized facility (North Weld County Landfill in Ault, or the Buffalo Ridge Landfill in Keenseburg). Cuttings will be directly landfilled, including cement returns.

Well Completions, treatment, and stimulation fluids – All fluids from flowback operations are contained in flat tanks on location and hauled to an authorized disposal site for processing (Apollo Operating, LLC SWD or High Plains Disposal, Inc SWD).

Produced Water – Is contained in tanks and hauled to an authorized disposal site as listed above.

### **Associated Wastes:**

Flowback Tank Bottoms – Sand is washed to recover any crude and disposed of at an authorized landfill(s) as listed above.

Contaminated Soil – Contaminated media will be analyzed and characterized accordingly. Based on waste characterization it is sent to an authorized disposal facility.

### **Non E&P Waste**

Household Garbage/Domestic Refuse – Will be contained in trash cages and sent to local municipal landfills.

Scrap Metal – All scrap metal will be recycled through scrap metal yard with bins located throughout the field.

Safety Solvents and Paint Waste – All safety solvents and paint waste will be managed through the Weld County Business Hazardous Waste Assistance Program.

## **Non Waste Items:**

Drilling Fluids – Drilling Fluids will be recycled from one well to another.

Things like Paraffin Solvent, Corrosion inhibitor, and Diesel are presumed to be used in entirety and at no time will there be a need for disposal. If these product are a “waste” in liquid form of a substantial quality they will be handled and disposed by a company like Clean harbors who offer chemical/solvent recycling options.

EOG activities shall be conducted, and facilities constructed and operated in a manner that protects waters of the state from significant adverse environmental impacts from E&P waste, except as permitted by applicable laws and regulations.

EOG will evaluate potential waste management streams that allow for beneficial use and reuse. If deemed necessary the beneficial use and reuse plans will be submitted to the authorized officer for approval via a Sundry Notice, Form 4. Such plans shall describe, at a minimum the type(s) of waste, the proposed use of the waste, method of waste treatment, product quality assurance, and any applicable certifications or authorizations required by other agencies.